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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows and cancel without prejudice the claims marked as cancelled.

1. (Currently Amended) An apparatus comprising:
~~a tuner to tune an oscillation frequency of an oscillator to a value between a first free-running frequency of a first oscillation tank and a second free-running frequency of a second oscillation tank,~~
~~wherein the tuner is connected between first and second paths of said oscillator,~~
~~wherein the first path is parallel to the second path,~~
~~wherein the first path includes said first oscillation tank and a first sealer,~~
~~wherein the second path includes said second oscillation tank and a second sealer,~~
~~wherein the first sealer is to produce a first gain in said first path, and~~
~~wherein the second sealer is to produce a second gain in said second path.~~
a tunable oscillator having a tuned output frequency comprising:
a first oscillation path having a first amplifier and a first oscillation tank with a first free-running frequency;
a second oscillation path having a second amplifier and a second oscillation tank with a second free-running frequency, the second oscillation path being connected in parallel to the first oscillation path;
wherein the first amplifier and the second amplifier are controlled by a tuning voltage;
and wherein the output frequency is tunable between the first free-running frequency and the second free-running frequency.
2. (Canceled)
3. (Currently Amended) The apparatus of claim 1, wherein the ~~tuner~~ tunable oscillator comprises an adder to add first and second signal components passing through said first and second paths, respectively.

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4. (Currently Amended) The apparatus of claim 1, wherein the first amplifier has a gain and the second amplifier has a gain and the gains of the first and second gains amplifiers are complementary.
5. (Currently Amended) The apparatus of claim 4, wherein a sum of the gains of the said first and second gains amplifiers is substantially constant.
6. (Currently Amended) The apparatus of claim 5, wherein the sum of the gains of the said first and second gains amplifiers is substantially equal to one.
7. (Currently Amended) The apparatus of claim 1, wherein the first amplifier has a gain and the second amplifier has a gain and the tuner tunable oscillator is able to control the relative values of the gains of the said first and second gains amplifiers.
8. (Cancelled)
9. (Currently Amended) The apparatus of claim 1, wherein the tuner tunable oscillator is able to control first and second voltages applied to said first and second amplifiers, respectively.
10. (Original) The apparatus of claim 3, wherein the first path comprises a first transistor and wherein the second path comprises a second transistor.
11. (Currently Amended) A wireless communication device comprising:
a dipole antenna to send and receive wireless communication signals; and
~~an oscillator comprising a tuner to tune an oscillation frequency of said oscillator to a value between a first free running frequency of a first oscillation tank and a second free running frequency of a second oscillation tank,~~
~~wherein the tuner is connected between first and second paths of said oscillator,~~
~~wherein the first path is parallel to the second path,~~
~~wherein the first path includes said first oscillation tank and a first scalar,~~

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~~wherein the second path includes said second oscillation tank and a second scaler,~~
~~wherein the first scaler is to produce a first gain in said first path, and~~
~~wherein the second scaler is to produce a second gain in said second path.~~
a tunable oscillator having a tuned output frequency comprising:
a first oscillation path having a first amplifier and a first oscillation tank with a first
free-running frequency;
a second oscillation path having a second amplifier and a second oscillation tank with a
second free-running frequency, the second oscillation path being connected in parallel
to the first oscillation path;
wherein the first amplifier and the second amplifier are controlled by a tuning voltage;
and wherein the output frequency is tunable between the first free-running frequency
and the second free-running frequency.

12. (Canceled)
13. (Currently Amended) The wireless communication device of claim 11, wherein the tuner tunable oscillator comprises an adder to add first and second signal components passing through said first and second paths, respectively.
14. (Currently Amended) The wireless communication device of claim 11, wherein the first amplifier has a gain and the second amplifier has a gain and the gains of the first and second gains amplifiers are complementary.
15. (Currently Amended) The wireless communication device of claim 14, wherein a sum of said the gains of the first and second gains amplifiers is substantially constant.
16. (Currently Amended) The wireless communication device of claim 15, wherein the sum of said the gains of the first and second gains amplifiers is substantially equal to one.

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17. (Currently Amended) The wireless communication device of claim 11, wherein the ~~tuner~~ tunable oscillator is able to control the relative values of the gains of the said first and second gains amplifiers.
18. (Cancelled)
19. (Currently Amended) The wireless communication device of claim 11, wherein the ~~tuner~~ tunable oscillator is able to control first and second voltages applied to said first and second amplifiers, respectively.
20. (Original) The wireless communication device of claim 13, wherein the first path comprises a first transistor and wherein the second path comprises a second transistor.
21. (Currently Amended) A method comprising:
tuning ~~[[a]]~~ an output frequency of ~~a~~ a ~~[n]]~~ tunable oscillator to a value between a first free-running frequency of a first oscillation tank and a second free-running frequency of a second oscillation tank,
wherein tuning comprises:
providing a ~~control signal~~ tuning voltage at a node connected between first and second oscillation paths of said oscillator, wherein the first oscillation path is parallel to the second path, wherein the first oscillation path includes a first amplifier and said first oscillation tank and a first sealer, and wherein the second oscillation path includes a second amplifier and said second oscillation tank and a second sealer;
~~providing by the first sealer a first gain in said first path; and~~
~~providing by the second sealer a second gain in said second path;~~
and controlling the first amplifier and the second amplifier by the tuning voltage.
22. (Canceled)

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23. (Previously Presented) The method of claim 21, wherein tuning the frequency comprises adding first and second signal components passing through said first and second paths, respectively.
24. (Currently Amended) The method of claim 21, wherein ~~producing said first and second gains~~ controlling the first amplifier and the second amplifier comprises producing first and second complementary gains in the first and second amplifiers.
25. (Currently Amended) The method of claim 24, wherein a sum of ~~said first and second~~ the gains of the first and second amplifiers is substantially constant.
26. (Currently Amended) The method of claim 25, wherein the sum of ~~said first and second~~ gains is substantially one.
27. (Currently Amended) The method of claim 21, wherein tuning the frequency comprises controlling relative values of ~~said first and second~~ the gains of the first and second amplifiers.